

WHAT IS CLAIMED IS:

1. An aerosol device comprising:
 - (A) a cosmetic composition comprising, in a cosmetically acceptable medium comprising water and at least one organic solvent, at least one polyurethane, and
 - (B) at least one propellant comprising dimethyl ether and at least one C₃-C₅ hydrocarbon.
2. The aerosol device according to Claim 1, wherein the at least one C₃-C₅ hydrocarbon is chosen from at least one of n-butane, isobutane and propane.
3. The aerosol device according to Claim 2, wherein the at least one C₃-C₅ hydrocarbon is n-butane.
4. The aerosol device according to Claim 1, wherein the at least one polyurethane comprises at least one base repeating unit corresponding to the formula (I) below:



wherein:

- X', which may be identical or different, is chosen from O and NH;
 - B is chosen from divalent, substituted and unsubstituted, hydrocarbon-based radicals; and
 - R is a divalent radical chosen from branched and unbranched alkylene radicals chosen from C₆-C₂₀ aromatic, C₁-C₂₀ aliphatic, and C₁-C₂₀ cycloaliphatic, alkylene radicals, wherein the alkylene radicals may be optionally substituted with at least one group chosen from halogen, C₁-C₄ alkoxy and C₆-C₃₀ aryl groups.
5. The aerosol device according to Claim 4, wherein the C₁-C₂₀ aliphatic alkylene radicals are chosen from C₁-C₆ aliphatic alkylene radicals.

6. The aerosol device according to Claim 4, wherein the C₁-C₂₀ cycloaliphatic alkylene radicals are chosen from C₁-C₆ cycloaliphatic alkylene radicals.

7. The aerosol device according to Claim 4, wherein, in defining R, the at least one group is a phenyl group.

8. The aerosol device according to Claim 4, wherein the radical B is chosen from divalent C₁-C₃₀ hydrocarbon-based radicals.

9. The aerosol device according to Claim 4, wherein R is chosen from hexamethylene, 4,4'-biphenylenemethane, 2,4-tolylene, 2,6-tolylene, 1,5-naphthylene, p-phenylene, methylene-4,4-bis-cyclohexyl, and a divalent radical derived from isophorone.

10. The aerosol device according to Claim 1, wherein the at least one polyurethane comprises at least one base repeating unit corresponding to the general formula (II):



wherein:

- P is a polysiloxane segment;
- X', which may be identical or different, is chosen from O and NH; and
- R is a divalent radical chosen from branched and unbranched alkylene radicals chosen from C₆-C₂₀ aromatic, C₁-C₂₀ aliphatic, and C₁-C₂₀ cycloaliphatic, alkylene radicals, wherein the alkylene radicals are optionally substituted with at least one group chosen from halogen, C₁-C₄ alkoxy, and C₆-C₃₀ aryl groups.

11. The aerosol device according to Claim 10, wherein the C₁-C₂₀ aliphatic alkylene radicals are chosen from C₁-C₆ aliphatic alkylene radicals.

12. The aerosol device according to Claim 10, wherein the C₁-C₂₀ cycloaliphatic alkylene radicals are chosen from C₁-C₆ cycloaliphatic alkylene radicals.

13. The aerosol device according to Claim 1, wherein the at least one polyurethane is anionic.

14. The aerosol device according to Claim 1, wherein the at least one polyurethane is present in the cosmetic composition in an amount ranging from 0.5% to 20% by weight, relative to the total weight of all the compositions comprised in the aerosol device.

15. The aerosol device according to Claim 14, wherein the at least one polyurethane is present in the cosmetic composition in an amount ranging from 2% to 12% by weight, relative to the total weight of all of the compositions comprised in the aerosol device.

16. The aerosol device according to Claim 1, wherein the at least one propellant is present in the cosmetic composition in an amount ranging from 20% to 70% by weight, relative to the total weight of all of the compositions comprised in the aerosol device.

17. The aerosol device according to Claim 1, wherein the at least one C₃-C₅ hydrocarbon is present in the at least one propellant in an amount ranging from 1% to 30% by weight, relative to the total weight of all the compositions comprised in the aerosol device.

18. The aerosol device according to Claim 17, wherein the at least one C₃-C₅ hydrocarbon is present in the at least one propellant in an amount ranging from 5% to 20% by weight, relative to the total weight of all of the compositions comprised in the aerosol device.

19. The aerosol device according to Claim 1, wherein the dimethyl ether is present in the at least one propellant in an amount ranging from 5% to 70% by weight, relative to the total weight of all the compositions comprised in the aerosol device.

20. The aerosol device according to Claim 19, wherein the dimethyl ether is present in the at least one propellant in an amount ranging from 10% to 50% by weight, relative to the total weight of all of the compositions contained in the aerosol device.

21. The aerosol device according to Claim 1, wherein the at least one organic solvent is chosen from alcohols:

22. The aerosol device according to Claim 21, wherein the alcohols are chosen from at least one of lower C₁-C₄ alcohols, polyols and polyol ethers.

23. The aerosol device according to Claim 22, wherein the C₁-C₄ alcohol is ethanol.

24. The aerosol device according to Claim 1, wherein the cosmetic composition comprises from 0.5% to 35% by weight of water, relative to the total weight of all of the compositions comprised in the aerosol device.

25. The aerosol device according to Claim 1, wherein the cosmetic composition comprises from 1% to 70% by weight of the at least one organic solvent, relative to the total weight of all of the compositions comprised in the aerosol device.

26. The aerosol device according to Claim 25, wherein the cosmetic composition comprises from 15% to 65% by weight of the at least one organic solvent, relative to the total weight of all of the compositions comprised in the aerosol device.

27. The aerosol device according to Claim 26, wherein the cosmetic composition comprises from 30% to 60% by weight of the at least one organic solvent, relative to the total weight of all of the compositions comprised in the aerosol device.

28. The aerosol device according to Claim 1, wherein the cosmetic composition comprises at least one adjuvant chosen from non-polyurethane fixing polymers; silicones in soluble, dispersed and microdispersed form; nonionic, anionic, cationic and amphoteric surfactants; ceramides and pseudoceramides; vitamins and provitamins; plant, animal,

mineral and synthetic oils; waxes other than ceramides and pseudoceramides; water-soluble and liposoluble, silicone and non-silicone sunscreens; glycerol; mineral and organic, colored and uncolored pigments; permanent and temporary dyes; nacreous agents and opacifiers; sequestering agents; plasticizers; solubilizing agents; acidifying agents; basifying agents; mineral and organic thickeners; antioxidants; hydroxy acids; penetration agents; fragrances; fragrance solubilizers; preserving agents; anticorrosion agents; and treatment agents.

29. The aerosol device according to Claim 28, wherein the vitamins and provitamins are chosen from panthenol.

30. A method for shaping and/or holding a hairstyle, comprising:
providing an aerosol device comprising,

(A) a cosmetic composition comprising, in a cosmetically acceptable medium comprising water and at least one organic solvent, at least one polyurethane, and

(B) at least one propellant comprising dimethyl ether and at least one C₃-C₅ hydrocarbon,

applying the contents of the aerosol device onto the hair by vaporizing the contents of the aerosol device onto the hair, in an amount sufficient to hold or shape a desired hairstyle.

31. A hair lacquer, wherein the hair lacquer is obtained by vaporizing the contents of an aerosol device comprising,

(A) a cosmetic composition comprising, in a cosmetically acceptable medium comprising water and at least one organic solvent, at least one polyurethane, and

(B) at least one propellant comprising dimethyl ether and at least one C₃-C₅ hydrocarbon.

32. A method for applying a lacquer to the hair comprising,

-providing an aerosol device comprising,

(A) a cosmetic composition comprising, in a cosmetically acceptable medium comprising water and at least one organic solvent, at least one polyurethane and

(B) at least one propellant comprising dimethyl ether and at least one C₃-C₅ hydrocarbon,

vaporizing the contents of the aerosol device onto the hair, whereby a lacquer is formed on the hair.